



# TAURUS F

## Taurus F ECU

*This ECU is used in a 12 m full-electric bus to:*

- *Read various vehicle parameters;*
- *Control the temperature of the battery pack;*
- *Manage the correct functioning of compressor, fan and EXV.*



## Technical Specification:

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Characteristic	Unit	Value	Remark
Nominal Input voltage	V	24	DC
Acceptable Input voltage	V	12 - 32	DC
Short to battery		All Inputs – PWM Outputs	
Short to Ground		All Inputs – PWM Outputs	
Transient Voltage	V	+37 to +50	
Reverse Polarity	V	-28	
Main Microprocessor	bit	32	
CAN interface	kbps	500	1 high speed
Switch On		Through CAN interface	
Delay Power OFF		Calibrable	
PWM Outputs		4 (with individual settings)	
PWM Current	mA	10	
PWM frequency	Hz	200	Max
Output Voltage	V	0 - 24	
Minimum Energy Consumption	mA	120	
Energy Consumption @vehicle OFF	µA	10	Dark Current
Current Consumption	mA	200 (logic)	24 V
Hold of functional state	ms	100 (min)	In absence of power supply
Operating Temperature	° C	-40 / +85	
Degree of Protection		IP64	



### ECU Characteristics:

This ECU is capable to read various engine parameters through the vehicle CANBUS line. It can be connected directly to read analog or digital sensors. It is capable to command outputs in Pulse Width Modulation (PWM) or Low Side (LS) Output.

It is very flexible in terms of output/input definition.



Via Yuri Gagarin 31

42123 Reggio Emilia

Tel +39 0522361134

Fax +39 0522360806

Internet: [www.cf3000.it](http://www.cf3000.it)

email: [cf3000@cf3000.it](mailto:cf3000@cf3000.it)